a 1 Claim
~~Claims~~

1. A contact protection housing for at least one electrical terminal that is disposed in a housing part (7) which is mounted on a component (1) and in which an opening (8) for introducing potting composition is made, characterized in that the housing part is formed by a thin- walled cap (7), whose edge rests constantly on the component (1) by initial tension.

2. The contact protection housing of claim 1, characterized in that the cap (7) takes the form of a cylinder (20), open on one face end, on whose jacket face a protrusion tapering to a sharp point is provided, the flanks (21, 22) of which protrusion are embodied as slightly concave.

3. A fuel injection pump, in particular a distributor injection pump, for motor vehicles, on which pump a magnet valve (1) is secured with the aid of a hollow clamping screw, characterized by a contact protection housing of claim 2, whose protrusion protrudes past the inside diameter of the hollow clamping screw.

4. A method for mounting a contact protection housing of claim 1 or 2 on a component, in particular on an injection pump of claim 3, in which the potting composition is introduced with the aid of a nozzle (10), characterized in that while the potting composition is being introduced, there

is an adapter (14) disposed between the cap (7) and the nozzle (10).

5. An adapter for the use of the method of claim 4, characterized in that the adapter (14) has a through bore with a first portion (11), whose diameter is larger than the diameter of the opening (8) in the cap (7) for introducing the potting composition, and having a conical second portion (12), which tapers from the inside outward.

6. The adapter of claim 5, characterized in that the first portion (11) tapers from the inside outward.

7. The adapter of claim 5 or 6, characterized in that a cylindrical third portion (13) is disposed between the first portion (11) and the second portion (12).